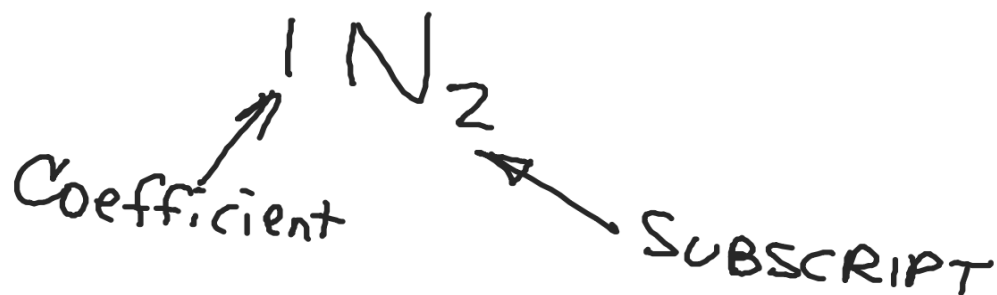
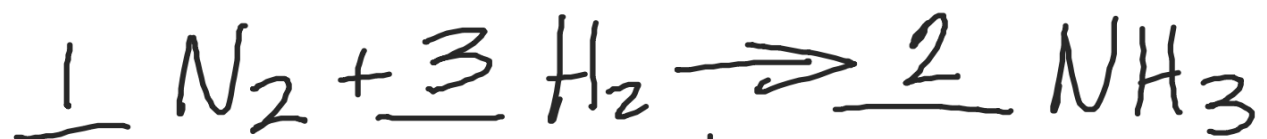


CONSERVATION OF MASS
MASS CANNOT BE
Created or destroyed

When we balance equations we can only change the coefficient



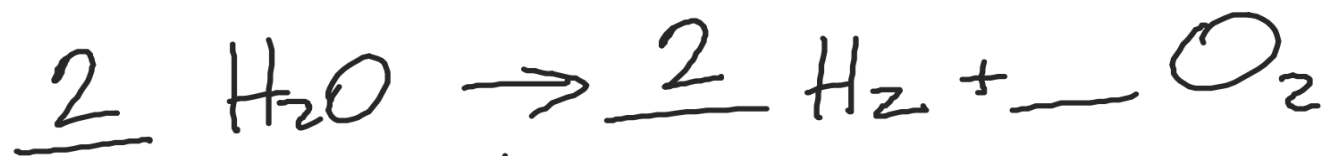


$$\text{N} = \textcircled{2}$$

$$\text{H} = 2 \times 3 = \textcircled{6}$$

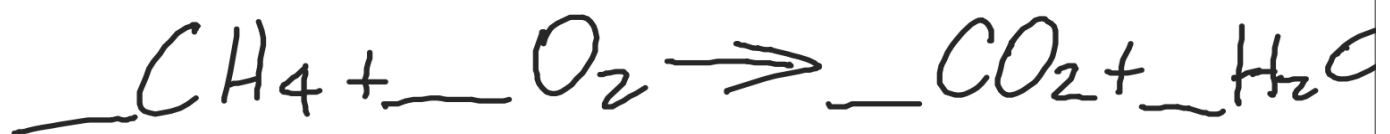
$$\text{N} = 1 \times 2 = \textcircled{2}$$

$$\text{H} = 3 \times 2 = \textcircled{6}$$



$$\text{H} = 2 \times 2 = \textcircled{4} \quad | \quad \text{H} = 2 \times 2 = \textcircled{4}$$

$$\text{O} = 1 \times 2 = \textcircled{2} \quad | \quad \text{O} = \textcircled{2}$$



$$\text{C} = 1$$

$$\text{H} = 4$$

$$\text{O} = 2$$

$$\text{C} = 1$$

$$\text{H} = 2$$

$$\text{O} = 2 + 1 = 3$$